



# KURARAY MEDICAL INC.

Dental Material Department  
12-39, 1-Chome, Umeda, Kita-ku, Osaka 530-8611, JAPAN  
Phone : +81-6-348-2603  
Facsimile: +81-6-348-2552

K012432

SEP - 4 2001

## 510(k) SUMMARY

### 1. Submitter

- |                             |   |
|-----------------------------|---|
| 1) Name                     | KURARAY MEDICAL INC.  |
| 2) Address                  | 1621 Sakazu, Kurashiki, Okayama 710-8622, Japan   |
| 3) Contact person           | Koji Nishida<br>DENTAL MATERIAL DEPARTMENT  |
| 4) Date                     | July 23, 2001   |
| 5) Contact person in U.S.A. | Masaya Sasaki<br>30th Fl. Metlife Building, 200 Park Avenue, New York,<br>NY 10166<br>Telephone : (212)-986-2230<br>1(800)-879-1676<br>Facsimile : (212)-867-3543 |

### 2. Name of Device

- |                        |  |
|------------------------|--|
| 1) Proprietary Name    | CLEARFIL PHOTO BOND                        |
| 2) Classification Name | Resin tooth bonding agent (21CFR 872.3200) |
| 3) Common/Usual Name   | Resin-based dental adhesive system         |

### 3. Predicate device:

Kuraray Co., Ltd. will transfer the medical device business and the relevant functions including manufacturing facilities to its subsidiary company named Kuraray Medical Inc. on October 1<sup>st</sup> 2001. The aim of 510(k) submission is to alter the name and address of manufacturer, and not to intend other changes.

The predicate device is as follow.

- |   |           |
|---|-----------|
| 1. CLEARFIL PHOTO BOND by Kuraray Co., Ltd. | (K943165) |
|---|-----------|

### 4. Description for the premarket notification

CLEARFIL PHOTO BOND is classified into Resin tooth bonding agent, CFR 21 Section 872.3200, because it is a device composed of materials such as dimethacrylate monomers intended to be painted on the interior of a prepared cavity of a tooth to improve retention of a restoration, such as a filling. Normally composite resins and amalgams are used as filling material for this purpose.

**5. Statement of the intended use**

The intended uses of this device are as follows. They are completely the same as CLEARFIL PHOTO BOND manufactured by Kuraray Co., Ltd. (K943165).

- 1) A dentin and enamel bonding system for composite resin restoration
- 2) A dentin and enamel bonding system for amalgam restoration

**6. Statement of the technological characteristics and safety**

This device is essentially the same as CLEARFIL PHOTO BOND manufactured by Kuraray Co., Ltd. (K943165). Therefore the technological characteristics, chemical ingredients and safety of this device are completely the same as CLEARFIL PHOTO BOND.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

SEP - 4 2001

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Kuraray Medical, Incorporated  
C/O Ms. Masaya Sasaki  
Kuraray America, Incorporated  
30<sup>th</sup> Floor Metlife Building  
200 Park Avenue  
New York, New York 10166

Re: K012432  
Trade/Device Name: Modification To Clearfil Photo Bond  
Regulation Number: 872.3200  
Regulatory Class: II  
Product Code: KLE  
Dated: July 23, 2001  
Received: July 31, 2001

Dear Ms. Sasaki:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

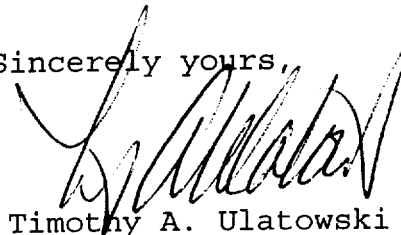
If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements

Page 2 - Ms. Sasaki

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>.

Sincerely yours,



Timothy A. Ulatowski  
Director  
Division of Dental, Infection Control  
and General Hospital Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

K012432

510(k) Number (if known): K012432

Device Name: CLEARFIL PHOTO BOND

### Indications for Use

CLEARFIL PHOTO BOND is indicated for the following applications:

- 1) A dentin and enamel bonding system for composite resin restoration
- 2) A dentin and enamel bonding system for amalgam restoration

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

\_\_\_\_\_  
Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ☒  
(Part 21 CFR 801.109)

OR

Over-The-Counter Use \_\_\_\_\_

(Optional Format 1-2-96)

Susan Rany

(Division Sign-Off)  
Division of Dental, Infection Control,  
and General Hospital Devices  
510(k) Number K012432